

Title (en)  
EASY-TO-TEAR STRETCHED ALIPHATIC-POLYESTER FILM

Title (de)  
LEICHT ZERREISSBARE FOLIE AUS ALIPHATISCHEM POLYESTER

Title (fr)  
FILM A BASE DE POLYESTER ALIPHATIQUE, EXTENSIBLE ET SE DECHIRANT FACILEMENT

Publication  
**EP 1471095 A4 20050330 (EN)**

Application  
**EP 03701006 A 20030106**

Priority  

- JP 0300014 W 20030106
- JP 2002000821 A 20020107
- JP 2002108199 A 20020410
- JP 2002339238 A 20021122
- JP 2002339239 A 20021122
- JP 2002377516 A 20021226

Abstract (en)  
[origin: EP1471095A1] Easily-tearable aliphatic polyester stretched film has an edge tear strength in the machine direction and transverse direction of = 22N. Independent claims are also included for: (1) an easily-cut bag for packing manufactured using a film where active rays are irradiated on aliphatic polyester film; and (2) the manufacture of a lactic acid-type polyester film where a non-stretched laminated film formed by laminating a resin (B) having a melting point  $T_{m\text{ bon}} \geq 1$  surface of a lactic acid-type aliphatic polyester resin layer (A) of melting point  $T_{m\text{ aso}}$   $T_{m\text{ b}} \geq T_{m\text{ a}} + 10[\text{deg}]C$ , so the thickness of (B) is 5-60% compared to the thickness of the whole film, is stretched in  $\geq 1$  axial direction and heat treated to a temperature  $T_s$  which satisfies  $T_{m\text{ a}} - 10[\text{deg}]C = T_{m\text{ b}} + 10[\text{deg}]C$ .

IPC 1-7  
**C08J 5/18**; **C08L 67/00**

IPC 8 full level  
**C08J 5/18** (2006.01)

CPC (source: EP KR US)  
**C08G 63/00** (2013.01 - KR); **C08J 5/18** (2013.01 - EP KR US); **C08J 2367/04** (2013.01 - EP US); **Y10T 428/1352** (2015.01 - EP US)

Citation (search report)  

- [X] EP 1038906 A2 20000927 - TOYO BOSEKI [JP]
- [X] EP 0776927 A1 19970604 - MITSUI TOATSU CHEMICALS [JP]
- [A] WO 9812250 A1 19980326 - GRACE W R & CO [US], et al
- See references of WO 03057765A1

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1471095 A1 20041027**; **EP 1471095 A4 20050330**; **EP 1471095 B1 20080319**; AU 2003202471 A1 20030724; DE 60319805 D1 20080430; DE 60319805 T2 20090416; JP WO2003057765 A1 20050519; KR 100920878 B1 20091009; KR 20040073547 A 20040819; US 2005106345 A1 20050519; US 2009152095 A1 20090618; WO 03057765 A1 20030717

DOCDB simple family (application)  
**EP 03701006 A 20030106**; AU 2003202471 A 20030106; DE 60319805 T 20030106; JP 0300014 W 20030106; JP 2003558074 A 20030106; KR 20047010562 A 20030106; US 35957909 A 20090126; US 50079905 A 20050107